Initiatives affecting RES investments in Ukraine

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Beirut, Lebanon Dec 13-14, 2017
Positive measures

• Increased FIT for households
• Almost 100% payment for electricity against FIT in 2016
• One-stop-shop service
• Growing list of fin. companies providing loans for RES
• Growing share of companies obtaining 5-10% surplus to existing FIT for using Ukrainian equipment
• Plans to “inhabit” Chornobyl zone with solar power plants
• Revision and termination of contracts with companies who do not show any construction of RES objects, but who “booked” capacity of Energy System
• «Green calculator» (under construction)
• Online map for RES and EE measures
Increased FIT for households

Source: Shafarenko, Yu. State Agency on Energy Efficiency and Energy Saving
One-stop-shop service, “green calculator” (both under construction)

  [https://www.gidc.in.ua](https://www.gidc.in.ua)

- “green calculator” (cost parameters of RES facilities)
Growing list of fin. companies providing loans for RES

- EBRD (Program USELF) – loans from EUR 1,5 mln for electricity from RES
- EBRD – loans EUR 5-250 mln against 7-10%
- NEFCO – loans EUR 0,05-5 mln against 6%
- Dutch Investment Fund IFU – loans up to EUR 0,2 mln
- European Investment Bank – loans for municipalities from EUR 10 mln against 4%
- World Bank + UkrEximBank (UA) – loans up to USD 30 mln
- Ukrgazbank (UA) against 7%
- Potentially «Reiffeizen Bank Aval»
Plans to “inhabit” Chornobyl zone with solar power plants

• Several solar parks: 100 MW (developers from Belgium) + 1 GW (GCL System Integration Technology and China National Complete Engineering Corporation).

• Require legislative change of area’s status
Contracts Termination

• In 2017, “UkrEnergo” revised and terminated contracts with 2 companies who do not show any construction of RES objects, but who “booked” capacity of power system. It freed 1,1 GW for new potential facilities

• Power system is capable to connect only 4.5 GW of new capacities by 2026, of which 4.2 GW are already “booked”
Online map for RES and EE measures

http://www.uamap.org.ua/en
Negative points

- Increased payment for grid connection (not enacted)
- Lowered FIT for solar PP with unit capacity of above 10 MW
- Termination of blending mandate requirement in 2015 for biofuels
Further measures that need to be undertaken to spur RES in Ukraine

• Development of financial **regional** programs (i.e. those partially financed from local budgets)

• Revision of building codes to integrate more RES and to stimulate creation of zero-energy households and settlements

• Measures lowering the cost of borrowed capital (WACC in Ukraine up to 19%(!), in EU – 1,8-12,5%)
Thank you for your attention!

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